<https://leetcode.com/problems/count-square-submatrices-with-all-ones/>

DP on rectangles  **dp [i][j] = min(3 dir)+1**

**Approach:**

1. Make a new matrix(n, m) initialized with 0.
2. Copy first row and col as it is from given matrix.
3. Loop i=1 to n and j = 1 to m and

if(matrix[i][j]==0) mat[i][j] = 0

else

Mat[i][j] = min(3 dir)+1

**TC = O(N\*M)**

**SC = O(N\*M)**